

AMENDMENT**In the Claims**

Claim 1 (currently amended): A method for producing a first polyketide, said method comprising expressing polyketide synthase (PKS) genes encoding a first PKS that produce[[s]] the first polyketide in [[a]] an overproducing cell that has been optimized to express polyketide synthase (PKS) genes encoding a second PKS that produces a second polyketide ~~for the production of a second polyketide, wherein the genes encoding the second PKS are deleted or otherwise rendered~~ inactive.

Claim 2 (currently amended): The method of Claim 1, wherein said first polyketide PKS is a ~~derivative~~ modified form of [[the]] said second polyketide PKS, wherein said modification comprises inactivating at least one enzymatic domain and said method further comprises altering the PKS genes in the overproducing cell such that those genes express a PKS that produces the first polyketide.

Claim 3 (original): The method of Claim 1, said method further comprising introducing genes that express a PKS that produces the first polyketide into the overproducing cell.

Claim 4 (currently amended): The method of Claim [[1]] 3, wherein the genes ~~that express the PKS that produces the second polyketide~~ encoding the second PKS are deleted or otherwise rendered inactive before or after introduction of the genes that encode the PKS that produces the first polyketide.

Claim 5 (currently amended): The method of Claim 1, wherein the overproducing cell produces the second polyketide at a level greater than 1 g/L of culture medium.

Claim 6 (currently amended): The method of Claim 1, wherein the overproducing cell produces the second polyketide at a level greater than 10 g/L of culture medium.

Claim 7 (currently amended): The method of Claim 1, wherein the overproducing cell produces the first polyketide at a level greater than 10 mg/L of culture medium.

Claim 8 (currently amended): The method of Claim 1, wherein the overproducing cell produces the first polyketide at a level greater than 100 mg/L of culture medium.

Claims 9-20 (withdrawn)